

COMBINED DECLARATION AND POWER OF ATTORNEY
(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,
CONTINUATION OR CIP)

As a below named inventor, I hereby declare that:

TYPE OF DECLARATION

This declaration is of the following type: (check one applicable item below)

☒ original

☐ design

☐ supplemental

NOTE: If the declaration is for an International Application being filed as a divisional, continuation or continuation-in-part application do not check next items; check appropriate one of last three items.

☐ national stage PCT

NOTE: If one of the following 3 items apply, then complete and also attach
ADDED PAGES FOR DIVISIONAL, CONTINUATION OR CIP.

☐ divisional

☐ continuation

☐ continuation-in-part (CIP)

INVENTORSHIP IDENTIFICATION

WARNING: If the inventors are each not the inventors of all the claims, an explanation of the facts, including the ownership of all the claims at the time the last claimed invention was made, should be submitted.

My residence, post office address and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

TITLE OF INVENTION

T-RAM CELL HAVING A BURIED VERTICAL THYRISTOR AND A PSEUDO-
TFT TRANSFER GATE AND METHOD FOR FABRICATING THE SAME

SPECIFICATION IDENTIFICATION

the specification of which: (complete (a), (b) or (c))

(a) ☒ is attached hereto.

(b) ☐ was filed on _____ as ☐ Serial No. _____ or ☐
Express Mail No., as Serial No. not yet known _____
and was amended on _____ (if applicable).

NOTE: Amendments filed after the original papers are deposited with the PTO which contain new matter are not accorded a filing date by being referred to in the declaration. Accordingly, the amendments involved are those filed with the application papers or, in the case of a supplemental declaration, are those amendments claiming matter not encompassed in the original statement of invention or claims. See 37 CFR 1.67.

(c) ☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____
_____ (if any).

ACKNOWLEDGEMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information

☒ which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56

(also check the following items, if desired)

☒ and which is material to the examination of this application, namely, information where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent, and

☒ In compliance with this duty there is attached an information disclosure statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. § 119)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

(complete (d) or (e))

(d) ☒ no such applications have been filed.

(e) ☐ such applications have been filed as follows.

Note: Where item (c) is entered above and the International Application which designated the U.S. itself claimed priority check item (e), enter the details below and make the priority claim.

**A. PRIOR FOREIGN/PCT APPLICATION(S) FILED WITHIN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS APPLICATION
AND ANY PRIORITY CLAIM UNDER U.S.C. § 119**

COUNTRY (OR INDICATE IF PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 USC 119
------------------------------------	--------------------	--------------------------------------	--------------------------------------

☐ YES ☐ NO

☐ YES ☐ NO

☐ YES ☐ NO

☐ YES ☐ NO

☐ YES ☐ NO

**CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S)
(34 U.S.C. § 119(e))**

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

PROVISIONAL APPLICATION NUMBER

FILING DATE

**ALL FOREIGN APPLICATION(S), IF ANY FILED MORE THAN 12 MONTHS
(6 MONTHS FOR DESIGN) PRIOR TO THIS U.S. APPLICATION**

NOTE: If the application filed more than 12 months from the filing date of this application is a PCT filing forming the basis for this application entering the United States as (1) the national stage, or (2) a continuation, divisional, or continuation-in-part, then also complete ADDED PAGES TO COMBINED DECLARATION AND POWER OF ATTORNEY FOR DIVISIONAL, CONTINUATION OR CIP APPLICATION for benefit of the prior U.S. or PCT application(s) under 35 U.S.C. § 120.

POWER OF ATTORNEY

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (List name and registration number).

MANNY W. SCHECTER, Reg. No. 31,722; LAUREN BRUZZONE, Reg. No. 35,082;
CHRISTOPHER A. HUGHES, Reg. No. 26,914; EDWARD A. PENNINGTON, Reg. No. 32,588;
JOHN E. HOEL, Reg. No. 26,279; JOSEPH C. REDMOND, JR., Reg. No. 18,753; DOUGLAS W.
CAMERON, Reg. No. 31,596; LOUIS P. HERZBERG, Reg. No. 41,500; DEREK S. JENNINGS, Reg.
No. 41,473; STEPHEN C. KAUFMAN, Reg. No. 29,511; DANIEL P. MORRIS, Reg. No. 32,053;
PAUL J. OTTERSTEDT, Reg. No. 37,411; LOUIS J. PERCELLO, Reg. No. 33,206; ROBERT P.
TASSINARI, JR., Reg. No. 36,030; ROBERT M. TREPP, Reg. No. 25,933; MARIAN
UNDERWEISER, Reg. No. 46,134; and GAIL ZARICK, Reg. No. 43,303..

SEND CORRESPONDENCE TO

DIRECT TELEPHONE CALLS TO:
(Name and telephone number)

Paul J. Farrell, Esq.
DILWORTH & BARRESE
333 Earle Ovington Blvd.
Uniondale, NY 11553

Paul J. Farrell, Esq.
(516) 228-8484

DECLARATION

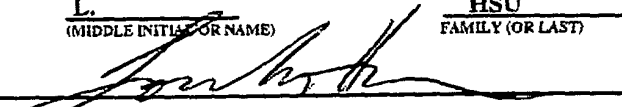
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

SIGNATURE(S)

Note: Carefully indicate the family (or last) name as it should appear on the filing receipt and all other documents.

Full name of sole or first inventor

LOUIS L. HSU
(GIVEN NAME) (MIDDLE INITIAL OR NAME) FAMILY (OR LAST)

Inventor's signature 

Date 5/10/01 Country of Citizenship U.S.A.
Residence Fishkill, New York
Post Office Address 7 Crosby Court
Fishkill, New York 12524-2101

Variable	Mean	SD	Min	Max
Age	34.5	10.2	18	65
Gender	1.2	0.4	0	2
Marital status	1.5	0.5	0	3
Education	12.5	1.5	9	16
Income	15.2	3.5	10	25
Occupation	1.8	0.8	0	4
Religion	1.1	0.3	0	2
Health status	1.3	0.4	0	2
Smoking status	1.2	0.4	0	2
Alcohol consumption	1.1	0.3	0	2
Exercise frequency	1.4	0.6	0	3
Stress level	1.6	0.7	0	3
Life satisfaction	1.8	0.8	0	4
Depression score	1.2	0.5	0	3
Loneliness score	1.5	0.6	0	3
Self-esteem score	1.7	0.7	0	3
Resilience score	1.9	0.8	0	4
Optimism score	1.6	0.7	0	3
Gratitude score	1.8	0.8	0	4
Forgiveness score	1.7	0.7	0	3
Empathy score	1.9	0.8	0	4
Prosocial behavior score	1.8	0.8	0	4
Life purpose score	1.7	0.7	0	3
Meaning in life score	1.9	0.8	0	4
Existential well-being score	1.8	0.8	0	4
Overall quality of life score	2.1	0.9	0	5

JOSHI
FAMILY (OR LAST)

Inventor's signature

Rajiv V. Joshi

Date May 31, 61 Country of Citizenship U.S.A.

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Full name of third joint inventor, if any

FARIBORZ
(GIVEN NAME)

(MIDDLE INITIAL OR NAME)

ASSADERAGHI
FAMILY (OR LAST)

Inventor's signature

Date _____ Country of Citizenship U.S.A.

Residence Mahopac, New York

Post Office Address 24 Stacey Lane

Mahopac, New York 10541-1803

Variable	Mean	SD	Min	Max
Age	34.5	10.5	20	55
Gender	1.0	0.0	0	1
Marital status	1.0	0.0	0	1
Education	12.5	1.5	9	16
Income	1.5	0.5	1	2
Health status	1.0	0.0	0	1
Smoking status	1.0	0.0	0	1
Alcohol consumption	1.0	0.0	0	1
Exercise frequency	1.0	0.0	0	1
Stress level	1.0	0.0	0	1
Sleep quality	1.0	0.0	0	1
Work satisfaction	1.0	0.0	0	1
Life satisfaction	1.0	0.0	0	1
Depression score	1.0	0.0	0	1
Anxiety score	1.0	0.0	0	1
Quality of life score	1.0	0.0	0	1
Healthcare utilization	1.0	0.0	0	1
Health insurance status	1.0	0.0	0	1
Chronic disease status	1.0	0.0	0	1
Family size	1.0	0.0	0	1
Religious beliefs	1.0	0.0	0	1
Community involvement	1.0	0.0	0	1
Work-life balance	1.0	0.0	0	1
Financial stability	1.0	0.0	0	1
Environmental awareness	1.0	0.0	0	1
Technology usage	1.0	0.0	0	1
Travel frequency	1.0	0.0	0	1
Food consumption habits	1.0	0.0	0	1
Exercise routine	1.0	0.0	0	1
Stress management techniques	1.0	0.0	0	1
Sleep hygiene practices	1.0	0.0	0	1
Work environment factors	1.0	0.0	0	1
Life goals and aspirations	1.0	0.0	0	1
Healthcare access	1.0	0.0	0	1
Healthcare costs	1.0	0.0	0	1
Healthcare quality	1.0	0.0	0	1
Healthcare satisfaction	1.0	0.0	0	1
Healthcare utilization barriers	1.0	0.0	0	1
Healthcare utilization facilitators	1.0	0.0	0	1
Healthcare utilization outcomes	1.0	0.0	0	1
Healthcare utilization challenges	1.0	0.0	0	1
Healthcare utilization opportunities	1.0	0.0	0	1
Healthcare utilization trends	1.0	0.0	0	1
Healthcare utilization forecasts	1.0	0.0	0	1
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Healthcare utilization improvement	1.0	0.0	0	1
Healthcare utilization innovation	1.0	0.0	0	1
Healthcare utilization leadership	1.0	0.0	0	1
Healthcare utilization collaboration	1.0	0.0	0	1
Healthcare utilization communication	1.0	0.0	0	1
Healthcare utilization education	1.0	0.0	0	1
Healthcare utilization training	1.0	0.0	0	1
Healthcare utilization development	1.0	0.0	0	1
Healthcare utilization implementation	1.0	0.0	0	1
Healthcare utilization monitoring	1.0	0.0	0	1
Healthcare utilization assessment	1.0	0.0	0	1
Healthcare utilization review	1.0	0.0	0	1
Healthcare utilization feedback	1.0	0.0	0	1
Healthcare utilization evaluation	1.0	0.0	0	1
Healthcare utilization improvement	1.0	0.0	0	1
Healthcare utilization innovation	1.0	0.0	0	1
Healthcare utilization leadership	1.0	0.0	0	1
Healthcare utilization collaboration	1.0	0.0	0	1
Healthcare utilization communication	1.0	0.0	0	1
Healthcare utilization education	1.0	0.0	0	1
Healthcare utilization training	1.0	0.0	0	1
Healthcare utilization development	1.0	0.0	0	1
Healthcare utilization implementation	1.0	0.0	0	1
Healthcare utilization monitoring	1.0	0.0	0	1
Healthcare utilization assessment	1.0	0.0	0	1
Healthcare utilization review	1.0	0.0	0	1
Healthcare utilization feedback	1.0	0.0	0	1
Healthcare utilization evaluation	1.0	0.0	0	1
Healthcare utilization improvement	1.0	0.0	0	1
Healthcare utilization innovation	1.0	0.0	0	1
Healthcare utilization leadership	1.0	0.0	0	1
Healthcare utilization collaboration	1.0	0.0	0	1
Healthcare utilization communication	1.0	0.0	0	1
Healthcare utilization education	1.0	0.0	0	1
Healthcare utilization training	1.0	0.0	0	1
Healthcare utilization development	1.0			

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F.A 85/41/01

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Hsu et al.

SERIAL NO.: Not Yet Assigned

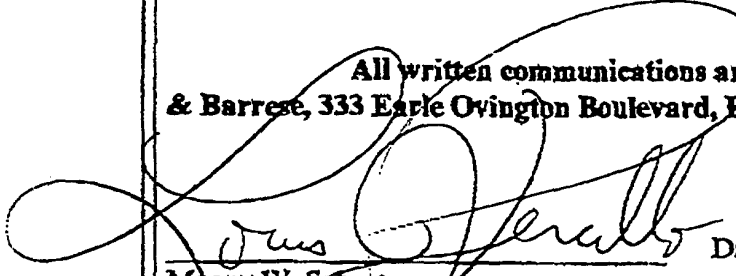
FILED: Concurrently Herewith

FOR: **T-RAM CELL HAVING A BURIED VERTICAL
THYRISTOR AND A PSEUDO-TFT TRANSFER GATE
AND METHOD FOR FABRICATING THE SAME**

ASSOCIATE POWER OF ATTORNEY

Please recognize **PETER G. DILWORTH**, Reg. No. 26,450; **ROCCO S. BARRESE**, Reg. No. 25,253; **DAVID M. CARTER**, Reg. No. 30,949; **PAUL J. FARRELL**, Reg. No. 33,494; **PETER DELUCA**, Reg. No. 32,978; **JEFFREY S. STEEN**, Reg. No. 32,063; **ADRIAN T. CALDERONE**, Reg. No. 31,746; **GEORGE M. KAPLAN**, Reg. No. 28,375; **JOSEPH W. SCHMIDT**, Reg. No. 36,920; **RAYMOND E. FARRELL**, Reg. No. 34,816; **RUSSELL R. KASSNER**, Reg. No. 36,183; **CHRISTOPHER G. TRAINOR**, Reg. No. 39,517; **GEORGE LIKOUREZOS**, Reg. No. 40,067; **JAMES M. LOEFFLER**, Reg. No. 37,873; and **EDWARD C. MEAGHER**, Reg. No. 41,189; **MICHAEL P. DILWORTH**, Reg. No. 37,311; **GLENN D. SMITH**, Reg. No. 42,156; **MICHAEL E. CARMEN**, Reg. No. 43,533; **HAROLD G. FURLOW**, Reg. No. 43,621; **DANIEL E. TIERNEY**, Reg. No. 33,461; **MICHAEL J. MUSELLA**, Reg. No. 39,310; **JUDY NAAMAT**, Reg. No. 39,311; **MICHAEL R. BREW**, Reg. No. 43,513; and **JAMES J. LILLIE**, Reg. No. 46,873, each of them of **DILWORTH & BARRESE**, 333 Earle Ovington Boulevard, Uniondale, New York 11553 as associate attorneys in the above-mentioned application, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

All written communications are to be sent to Paul J. Farrell, Dilworth & Barrese, 333 Earle Ovington Boulevard, Uniondale, New York 11553.


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Louis J. Percello
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Attorney for Applicant(s)

Dated: 5/10/01